

Science & Engineering Majors in the Graduate School

College / Division	Department	Major	
Engineering Sciencee	Transportation Engineering	-	
	Architectural Design	-	
	Architectural System Engineering	-	
	Computer Science and Engineering	-	
	Mechatronics Engineering	-	
	Bionanotechnology		Bioengineering
			Nanotechnology
			Bionanotechnology
	Civil and Environmental System Engineering	-	
	Electronic Engineering	-	
	Materials Sciencee and Chemical Engineering	-	
	Industrial Management Engineering	-	
	Mechanical Design Engineering	-	
Smart City Engineering	-		
Interdisciplinary Robot Engineering Systems	-		
Science and Convergence Technology	Applied Physics	-	
	Applied Mathematics	-	
	Molecular and Life Science	-	
	Applied Chemistry	-	
	Marine Sciences and Convergent Technology	-	
	Photonics and Nanoelectronics	-	
Computing	Human-Computer Interaction	-	
	Applied Artificial Intelligence	-	

Alumni of Hanyang University ERICA



Gao Rongke
- Nationality : China
- Degree : Master, Ph.D.
- Major : Bionanotechnology
- Occupation : Professor, China University of Petroleum, China



Muhammad Imran
- Nationality : Pakistan
- Degree : Ph.D.
- Major : Industrial Management Engineering
- Occupation : Assistant Professor, National University of Sciences & Technology, Pakistan



Yousof Zai Sammer Zai
- Nationality : Pakistan
- Degree : Ph.D.
- Major : Computer Science and Engineering
- Occupation : Assistant Professor, Mehran University of Engineering & Technology, Pakistan



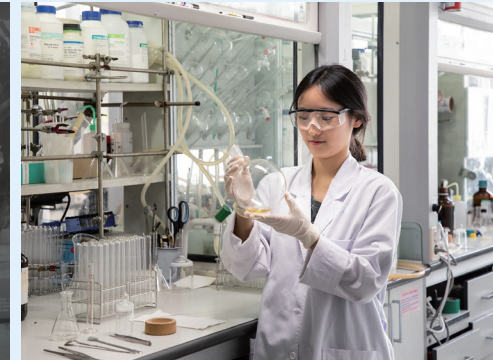
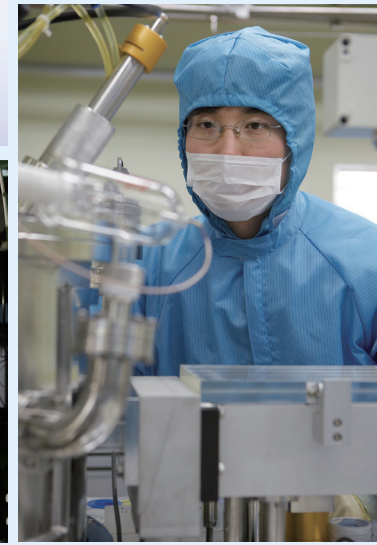
Sun Xun
- Nationality : China
- Degree : Bachelor, Ph.D.
- Major : Mechanical Design Engineering
- Occupation : Associate Professor, Shandong University, China



Kishore Sridharan
- Nationality: India
- Degree: Ph.D.
- Major: Materials Science & Chemical Engineering
- Occupation: Assistant Professor, University of Calicut, India



Xue Chuanzhi
- Nationality: China
- Degree: Bachelor, Master
- Major: Mechanical Design Engineering
- Occupation: NVH Engineer, Hyundai Motors R&D Center, China



HANYANG UNIVERSITY ERICA
Education Research Industry Cluster @ Ansan

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HANYANG UNIVERSITY ERICA

Science & Engineering Scholarship Program (SESP)

- B.S. to Ph.D. -

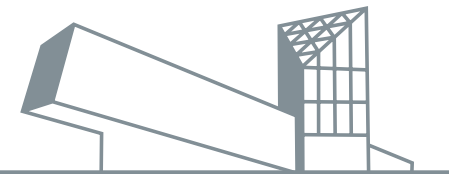
What is ERICA?

Education(學) **R**esearch(研) **I**ndustry(産) **C**luster @ Ansan ERICA is

Hanyang University's pioneering infrastructure that was created to bridge the fields of education, research, and related industries to produce tomorrow's leaders and professionals.



HANYANG UNIVERSITY ERICA
Education Research Industry Cluster @ Ansan



Status of Hanyang University ERICA (As of Oct. 2021)

- 9** Colleges
- 50** Departments (Undergraduate)
- 17** Graduate Schools (General : 1 + Professional : 6 + Specialized : 10)
- 11,052** Enrolled Students (Undergrad : 9,480 + Graduate : 1,265 + Specialized Graduate : 307)
- 71,000** Total Alumni
- 1,518** Number of International Students Annually (Undergrad: 1,289, Exchange Students: 39, Korean Language Course 190)
- 40 min** Distance to Seoul (subway/bus): ~40 minutes

QS World University Rankings



79th Engineering & Technology

51st Architecture & Civil Engineering	70th Chemical Engineering
97th Mechanical Engineering	113th Electrical & Electronic Engineering
99th Environmental Sciences	65th Materials Sciences

Accreditations

IEQAS (International Education Quality Assurance System)



Accreditation by the Korean Ministry of Education for International Education Excellence

ABEEK (Accreditation Board for Engineering Education of Korea)

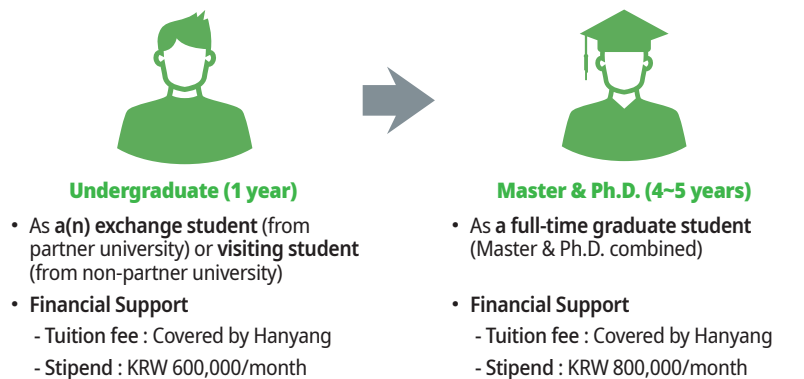


- Korean accreditation for Excellence in the Engineering & Science Fields
- Equivalent to ABET in the U.S.

SESP Program

Objective To foster world-class scholars in science & engineering field


Overview





Eligibility

- **Nationality** : International students whose parents are both non-Korean citizens
- **Academic background** : Students in their 3rd and 4th years of a comprehensive university abroad (eligible for an exchange student program for one year at Hanyang University ERICA)
- **Language of Instruction** : English
- **GPA & English Proficiency**
 - **GPA** : 85% (out of 100%) or 4.0 (out of 4.5)
 - **English** : TOEFL iBT 80 or IELTS 5.5
 - For students without an English test score, an official interview and written test are required.
 - There is an English exemption for students whose possess nationality from the U.S., UK, Australia, New Zealand, Canada, or Ireland.

Requirements

- **Interview**


With professors during undergraduate (1 year) period
Approved students are eligible to enter the combined Master & Ph.D. courses
- **Credit**


Required to take at least 3 major-related courses during undergraduate (1 year) period
- **Publications (or research achievements)**


Must publish at least 1 paper in an SCI(E) journal beginning in second year of the combined Master & Ph.D. course

Financial Support

	Undergraduate (1 year)	Master + Ph.D. (4~5 years)
Tuition	Covered by Hanyang	
Monthly Stipend	KRW 600,000 / month (KRW 7.2 million / year)	KRW 800,000 / month (KRW 9.6 million / year)

FAQ

- Q1** What if I have to complete my last semester in my home university, and cannot join the graduate program right after the exchange program is over?
- A1** (If you intend to study your final semester of your undergraduate program at your home university,) it is possible to postpone up to one year entrance into the Hanyang ERICA combined master & Ph.D. program.
- Q2** What if my home university does not have a partnership with Hanyang University ERICA?
- A2** In this case, you are required to apply as a visiting student to Hanyang University ERICA. The tuition fee for one year of the visiting program will be fully covered by ERICA. With respect to credit transfer to your home university, please consult with your home university study abroad advisor in advance.
- Q3** Are there any obligations to obtain the scholarship?
- A3** During the undergraduate period, you must achieve a GPA of at least 3.0 (2.0 during Ph.D. period). Once the graduate program starts, you are responsible for publishing one or more papers in an SCI(E) journal each year from the second year of the Ph.D. program.
- Q4** Am I able to live in the dormitory on campus?
- A4** The spot for the dormitory is guaranteed until the second year of the graduate school upon the student's request. And yet, students are responsible for their own dormitory fee.

Application Procedure

Online Application
Spring Semester : October Fall Semester : April
❖
Result Announcement*
Spring Semester : End of November Fall Semester : End of May
* Student may be asked to have an (online) interview before being accepted.
❖
Undergraduate : Exchange/Visiting Period (1 year)
Spring - Fall : March 2 - End of December Fall - Spring : September 1 - End of June
❖
Master + Ph.D. Program (4~5 years)
Study period can be extended / shortened depending on student performance

Contact Information

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